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(54) RELATIONAL
DATABASE MANAGEMENT
SYSTEM AND STORAGE
MEDIUM STORED WITH
SAME

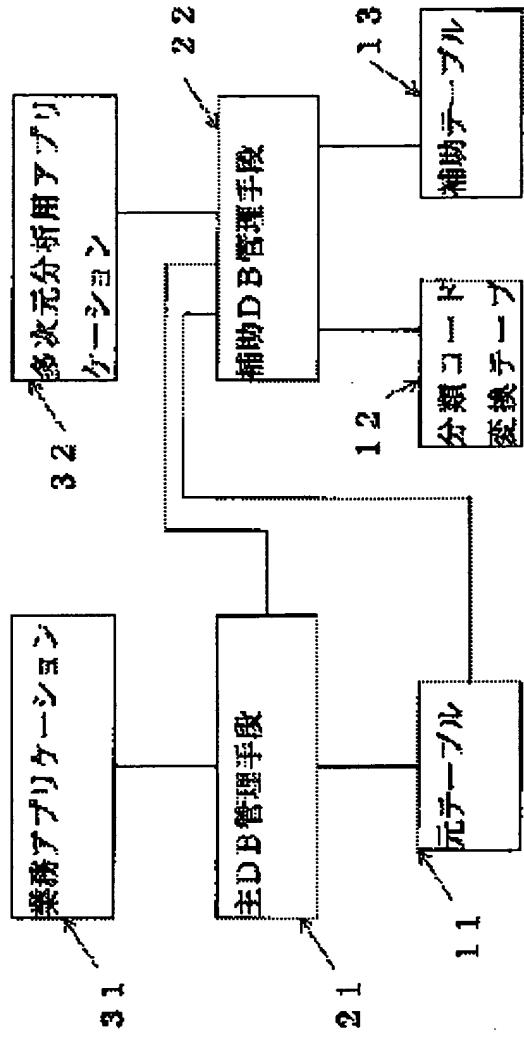
(57) Abstract:

PROBLEM TO BE SOLVED: To
provide a relational database
management system which enables
multidimensional analysis type
aggregate real-time retrieval,
guarantees the consistency of detail
data and aggregate retrieval results,
and further reduces a necessary disk

area and enables the on-line update of detail data in real time.

SOLUTION: This relational database management system comprises a main database stored with classification items specifying classifications and information item sectioned by the classification items in prescribed format and a main managing means which manages the main database is equipped with an auxiliary database which stores classification axis data generated by sectioning the classification items by plural classification axes, integrates classification data of all classification items belonging to the classification axes by them into one piece of data, and coding the data so that they are arranged without overlapping on the axes and information data corresponding to the classification axis data in prescribed format and an auxiliary managing means which matches the data in the auxiliary database with the data of the main database.

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